Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	luo-ying.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/08 14:19
L3	0	"xu-xiang.in"	US-PGPUB; USPAT	OR	ON	2005/07/08 14:24
L5	57	TRAF4	US-PGPUB; USPAT	OR	ON	2005/07/08 14:26
L6	765	TRAF	US-PGPUB; USPAT	OR	ON	2005/07/08 14:26
L7	2	Mkinase	US-PGPUB; USPAT	OR	ON	2005/07/08 14:31
L8	3	Mkinase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/08 14:32

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FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:39:49 ON 08 JUL 2005
L1          245 S LUO YING/AU
L2          178 S XU XIANG/AU
L3            1 S MKINASE
L4            4 S TRAF4(S) INTERACTING (S) PROTEIN?
L5          182 DUP REM L1 (63 DUPLICATES REMOVED)
L6          146 DUP REM L2 (32 DUPLICATES REMOVED)
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=> file medline biosis embase caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.21       0.21

FILE 'MEDLINE' ENTERED AT 14:39:49 ON 08 JUL 2005

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=> s luo ying/au
L1          245 LUO YING/AU

=> s xu xiang/au
L2          178 XU XIANG/AU

=> s mkinase
L3            1 MKINASE

=> s traf4(s) interacting (s) protein?
L4            4 TRAF4(S) INTERACTING (S) PROTEIN?

=> dup rem L1
PROCESSING COMPLETED FOR L1
L5          182 DUP REM L1 (63 DUPLICATES REMOVED)

=> dup rem L2
PROCESSING COMPLETED FOR L2
L6          146 DUP REM L2 (32 DUPLICATES REMOVED)

=> d ibib abs L3

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:         2001:229044  CAPLUS
DOCUMENT NUMBER:          134:265156
TITLE:                    Traf4 associated cell cycle proteins, compositions and
                          methods of use
INVENTOR(S):              Luo, Ying; Huang, Betty
PATENT ASSIGNEE(S):       Rigel Pharmaceuticals, Inc., USA
SOURCE:                   PCT Int. Appl., 68 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ----------------     ----   --------    --------------------    --------
     WO 2001021799         A1    20010329    WO 2000-US40987         20000925
     WO 2001021799         C2    20020808
         W:  AU, CA, JP, US
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     CA 2385879            AA    20010329    CA 2000-2385879         20000925
     EP 1218506            A1    20020703    EP 2000-975649          20000925
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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IE, FI, CY

JP 2003510049 T2 20030318 JP 2001-525357 20000925

PRIORITY APPLN. INFO.: US 1999-404010 A 19990923

WO 2000-US40987 W 20000925

AB The present invention is directed to novel polypeptides, nucleic acids and related mols. which have an effect on or are related to the cell cycle. The novel cell cycle protein is a **Mkinase** and binds to Traf4, a tumor necrosis factor receptor-associated factor. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided by the present invention are methods for identifying novel compns. which mediate cell cycle bioactivity, and the use of such compns. in diagnosis and treatment of disease, e.g. induce apoptosis of tumor and cell proliferation in wound healing.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs L4

L4 ANSWER 1 OF 4 MEDLINE on STN

ACCESSION NUMBER: 2002396330 MEDLINE

DOCUMENT NUMBER: PubMed ID: 12023963

TITLE: Involvement of TRAF4 in oxidative activation of c-Jun N-terminal kinase.

AUTHOR: Xu You Cheng; Wu Ru Feng; Gu Ying; Yang Yih-Sheng; Yang Meng-Chun; Nwariaku Fiemu E; Terada Lance S

CORPORATE SOURCE: Department of Internal Medicine, University of Texas Southwestern and The Dallas Veterans Affairs Medical Center, Dallas, Texas 75216, USA.

CONTRACT NUMBER: R01-HL61897 (NHLBI)

SOURCE: Journal of biological chemistry, (2002 Aug 2) 277 (31) 28051-7. Electronic Publication: 2002-05-22. Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200209

ENTRY DATE: Entered STN: 20020730
Last Updated on STN: 20030105
Entered Medline: 20020916

AB We previously found that the angiogenic factors TNFalpha and HIV-1 Tat activate an NAD(P)H oxidase in endothelial cells, which operates upstream of c-Jun N-terminal kinase (JNK), a MAPK involved in the determination of cell fate. To further understand oxidant-related signaling pathways, we screened lung and endothelial cell libraries for interaction partners of p47(phox) and recovered the orphan adapter TNF receptor-associated factor 4 (TRAF4). Domain analysis suggested a tail-to-tail interaction between the C terminus of p47(phox) and the conserved TRAF domain of TRAF4. In addition, TRAF4, like p47(phox), was recovered largely in the cytoskeleton/membrane fraction. Coexpression of p47(phox) and TRAF4 increased oxidant production and JNK activation, whereas each alone had minimal effect. In addition, a fusion between p47(phox) and the TRAF4 C terminus constitutively activated JNK, and this activation was decreased by the antioxidant N-acetyl cysteine. In contrast, overexpression of the p47(phox) binding domain of TRAF4 blocked endothelial cell JNK activation by TNFalpha and HIV-1 Tat, suggesting an uncoupling of p47(phox) from upstream signaling events. A secondary screen of endothelial cell **proteins** for **TRAF4-interacting** partners yielded a number of **proteins** known to control cell fate. We

conclude that endothelial cell agonists such as TNFalpha and HIV-1 Tat initiate signals that enter basic signaling cassettes at the level of TRAF4 and an NAD(P)H oxidase. We speculate that endothelial cells may target endogenous oxidant production to specific sites critical to cytokine signaling as a mechanism for increasing signal specificity and decreasing toxicity of these reactive species.

=> d his

(FILE 'HOME' ENTERED AT 14:39:20 ON 08 JUL 2005)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:39:49 ON 08 JUL 2005

L1	245	S LUO YING/AU
L2	178	S XU XIANG/AU
L3	1	S MKINASE
L4	4	S TRAF4(S) INTERACTING (S) PROTEIN?
L5	182	DUP REM L1 (63 DUPLICATES REMOVED)
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